



**US Army Corps
of Engineers.**
Philadelphia District

Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
ATTN: CENAP-OP-R

Public Notice

Public Notice No. **CENAP-OP-R- 200601190-46 (IP)** Date **APR 12 2007**

Application No. File No.

In Reply Refer to:
REGULATORY BRANCH

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: Burlington County Bridge Commission

AGENT: Ms. Ingrid Kohler
ACT Engineers, Incorporated
1 Washington Boulevard, Suite 3
Trenton, NJ 08691

WATERWAY: Delaware River and Pennsauken Creek

LOCATION: Palmyra Cove Nature Park, located just downstream of the Tacony-Palmyra Bridge, identified as Block 154 (Lots 1, 1.01, 2, 3), Block 155 (Lots 1, 2, and 3.01), Block 156 (Lots 2.02, 3, and 4), Borough of Palmyra, Burlington County, New Jersey

ACTIVITY: to construct one 180' long timber fishing/observation pier within a tidal cove and including fish cleaning station next to the pier, one 100' long timber observation pier within a tidal cove, one 60' long timber fishing/observation pier within the Pennsauken Creek including fish cleaning station next to the pier, and one emergency 8-foot wide sand/gravel-filled open-cell concrete mat boat ramp with rip-rap armoring. Except for the proposed boat ramp, all proposed work is associated with the construction of a 5750 linear foot pedestrian trail.

The proposed boat ramp would be situated along an existing pedestrian trail, would impact a total of 0.019 acre of waterway below the high tide line (including the placement of 2' of rip-rap armoring), and would extend 67 feet waterward of the mean high water line of the Delaware River. Boat ramp construction would require the temporary placement of a water-filled structural cofferdam for site de-watering.

One timber fishing/observation pier (180 feet long by 6 feet wide) would extend 143 linear feet waterward of the mean high water line of a tidal lagoon and would sit a maximum of 7.75 feet above the waterway bottom. The proposed pier would be situated along an existing pedestrian trail.

One timber fishing/observation pier (60 feet long by 6 feet wide) would extend 37 linear feet waterward of the mean high water line of the Pennsauken Creek and would sit a maximum of 8.0 feet above the waterway bottom. The proposed structure would be situated along a proposed pedestrian trail.

The timber observation pier (100 feet long by 6 feet wide) would extend 83 linear feet waterward of the mean high water line of a tidal lagoon and would sit a maximum of 6.0 feet above the waterway bottom. The proposed structure would be situated along a proposed pedestrian trail.

The proposed 5750 linear foot pedestrian nature trail would include the following appurtenances that would not be regulated by this office: 140 linear feet of 6' wide pile-supported timber boardwalk crossing forested wetlands and open waters below the mean high water line (regulated by the U.S. Coast Guard) of a tidal cove, approximately 310 linear feet of pile-supported boardwalk crossing emergent wetlands landward of the mean high water line, 1775 linear feet of dirt trail and boardwalk in wetlands (454 linear feet of trail through forested wetlands, 430 linear feet of boardwalk through forested wetlands, 310 linear feet of boardwalk through emergent wetlands, 581 linear feet of trail through emergent wetland), 3975 linear feet of 6' wide dirt trail in uplands, and 2 canoe/kayak beaches along Pennsauken Creek.

The applicant has further stated that A) 884 linear feet (7600 square feet) of forested wetland would be impacted by the proposed boardwalk/trail and that although the construction would involve the removal of some saplings, the intent is to construct the trail around trees in a linear fashion; B) that all proposed trails in wetlands would only be cleared of brush but not involve the discharges of dredged and/or fill materials in regulated waters (including wetlands); C) that the proposed canoe/kayak beach construction be limited to the removal of vegetation and debris but would not require regulated discharges or structures; D) that all materials that cannot be hand-carried to the work sites would be transported by floating platform to the sites along the river and creek whereby the platform would then be pulled ashore and un-loaded with no need for temporary structural placement for platform mooring or access; and E) that all crossing of wetlands would occur on plastic matting.

It should be noted that 0.01 acre of regulated fill discharged for the existing pedestrian bridge across the entrance of the tidal cove (part of the trail) was authorized by this office under CENAP-OP-R-200202386 (NP-18).

PURPOSE: The applicant's stated purpose for the all piers are to allow public access to the tidal cove and Pennsauken Creek for recreational activities such as bird-watching and fishing. The

applicant's stated purpose for the boat ramp is to allow the applicant to launch boats directly to the Delaware River for emergency, inspection, and educational access around the Tacony-Palmyra Bridge and the nature center.

A preliminary review of this application indicates that the proposed work would not affect listed species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

The decision whether to issue a permit will be based on an evaluation of the activity's probable impact including its cumulative impacts on the public interest. The decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and welfare of the people. A Department of the Army permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public

interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the proposed work should be submitted, in writing, within 15 days to the District Engineer, U.S. Army Corps of Engineers, Philadelphia District, Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390.

Review of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion therein are located within the permit area of the work.

In accordance with Section 307(c) of the Coastal Zone Management Act of 1972, applicants for Federal Licenses or Permits to conduct an activity affecting land or water uses in a State's coastal zone must provide certification that the activity complies with the State's Coastal Zone Management Program. The applicant has stated that the proposed activity complies with and will be conducted in a manner that is consistent with the approved State Coastal Zone Management (CZM) Program. No permit will be issued until the State has concurred with the applicant's certification or has waived its right to do so. Comments concerning the impact of the proposed and/or existing activity on the State's coastal zone should be sent to this office, with a copy to the State's Office of Coastal Zone Management. It should be noted that the state has concurred with the applicant's certification in a waterfront development permit (file number 0327-02-0002.2 issued on January 10, 2007).

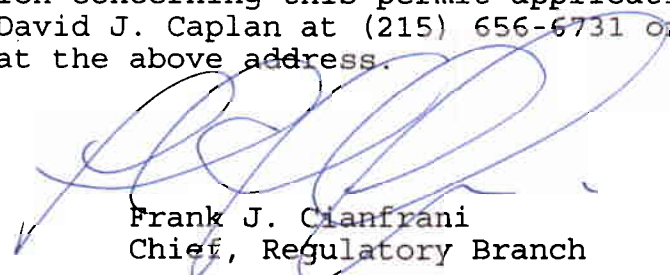
In accordance with Section 401 of the Clean Water Act, a Water Quality Certificate is necessary from the State government in which the work is located. Any comments concerning the work described above which relate to Water Quality considerations should be sent to this office with a copy to the State. It should be noted that the state has issued such certificate in a waterfront development permit (file number 0327-02-0002.2 issued on January 10, 2007).

The evaluation of the impact of the work described above on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

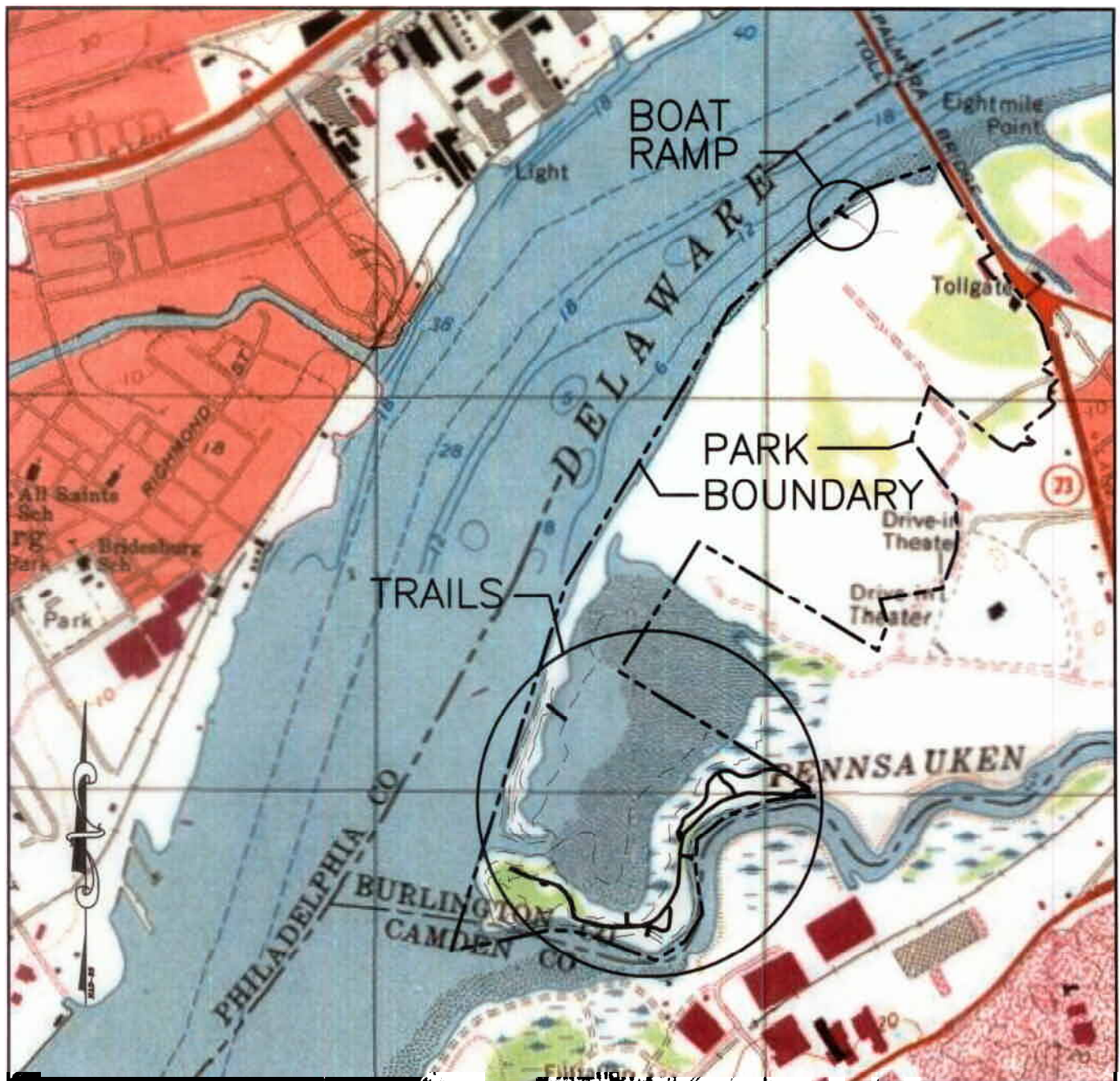
Any person may request, in writing, to the District Engineer, within the comment period specified in this notice, that a public

hearing be held to consider this application. Requests for a public hearing shall state in writing, with particularity, the reasons for holding a public hearing.

Additional information concerning this permit application may be obtained by calling David J. Caplan at (215) 656-6731 or by writing to this office at the above address.



Frank J. Cianfrani
Chief, Regulatory Branch



VICINITY MAP

USGS MAP (Printed from TOPO! © 2000)

SCALE: 1"=1300'

NAD 1983
STATE PLANE
COORDINATES:
N 428,541 FEET
E 339,899 FEET

1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	IK	JWL
NO.	DATE	REVISION	DRAWN	CHK

ACT ENGINEERS, INC. WBE

CIVIL ENGINEERING □ ENVIRONMENTAL ENGINEERING □ SURVEYING
1 WASHINGTON BOULEVARD (609) 918-0200
SUITE 3 FAX (609) 918-1411
ROBBINSVILLE, NJ 08691

NEW JERSEY CERTIFICATE of AUTHORIZATION No. 24GA27936900

VICINITY MAP PALMYRA COVE NATURE PARK

FIGURE 1

LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 156

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
exhibits-ACOE.dwg	060302-00	IK	JWL		10/23/06	1 OF 1

DELAWARE RIVER

LOT 3

LOT 4

EXISTING
PEDESTRIAN
BRIDGE

HIGH
TIDE LINE

MEAN HIGH
WATER LINE

OBSERVATION
PIER

PENNSAUKEN CREEK

FISHING/OBSERVATION
PIER 2



OVERALL PLAN VIEW 1
PENNSAUKEN CREEK TRAILS
SCALE: 1"=200'

2	3/6/07	REVISED PER 2/20/07 ACDE VERBAL COMMENTS & 2/27/07 EMAIL	IK		
1	1/10/07	REVISED PER 12/13/06 ACDE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	IK	JWL	
NO.	DATE	REVISION	DRAWN	CHK	REL

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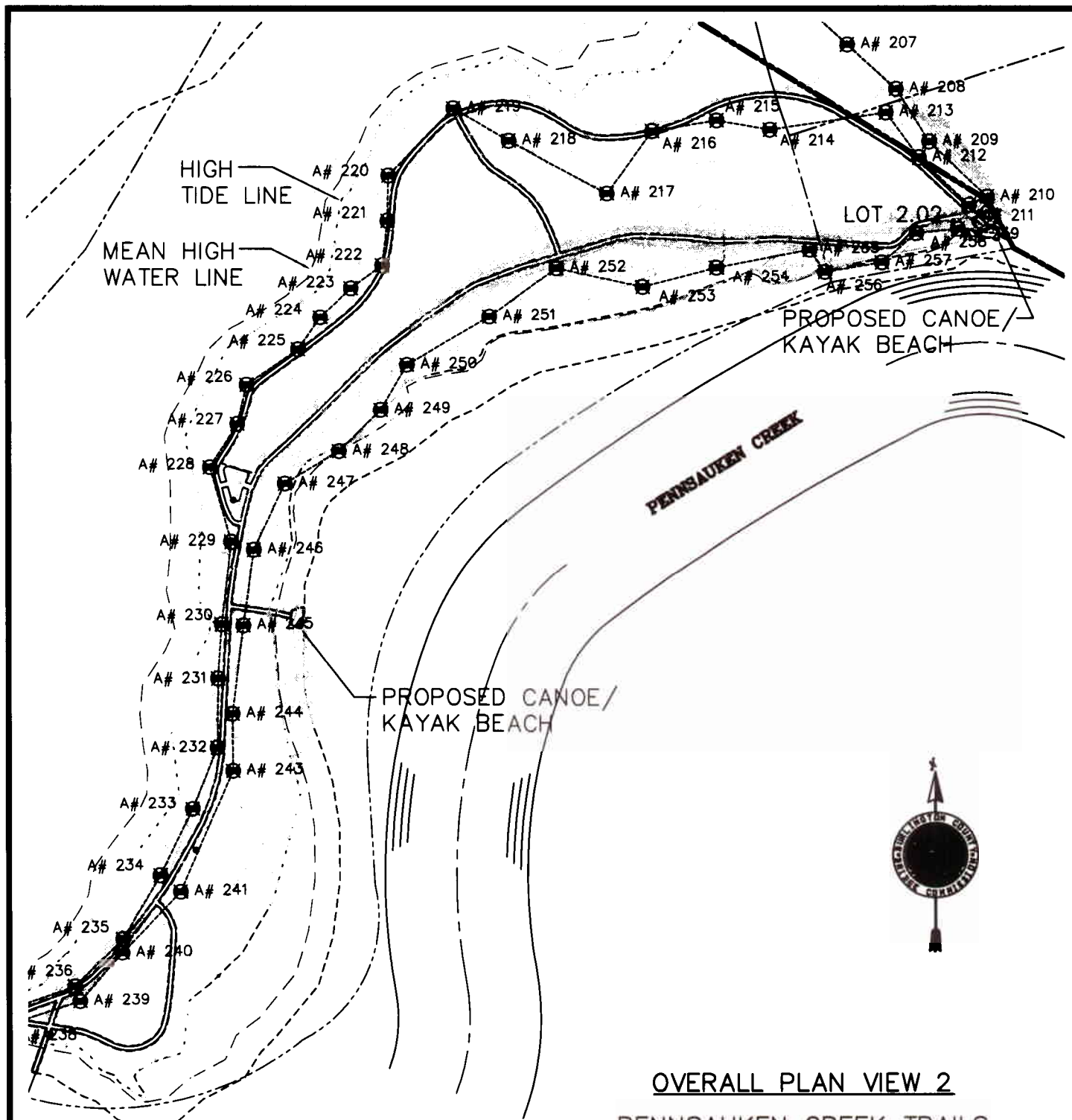
NEW JERSEY CERTIFICATE of AUTHORIZATION No. 24GA27936900

OVERALL PLAN VIEW
PALMYRA COVE NATURE PARK
FIGURE 2A

LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 158

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
exhibits-ACOE.dwg	060302-00	IK	JWL	1"=200'	10/23/06	1 OF 1



OVERALL PLAN VIEW 2
PENNSAUKEN CREEK TRAILS
 SCALE: 1"=200'

2	3/8/07	REVISED PER 2/20/07 ACOE VERBAL COMMENTS & 2/27/07 EMAIL	IK		
1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	IK	JWL	
NO.	DATE	REVISION	DRAWN	CHK	REL

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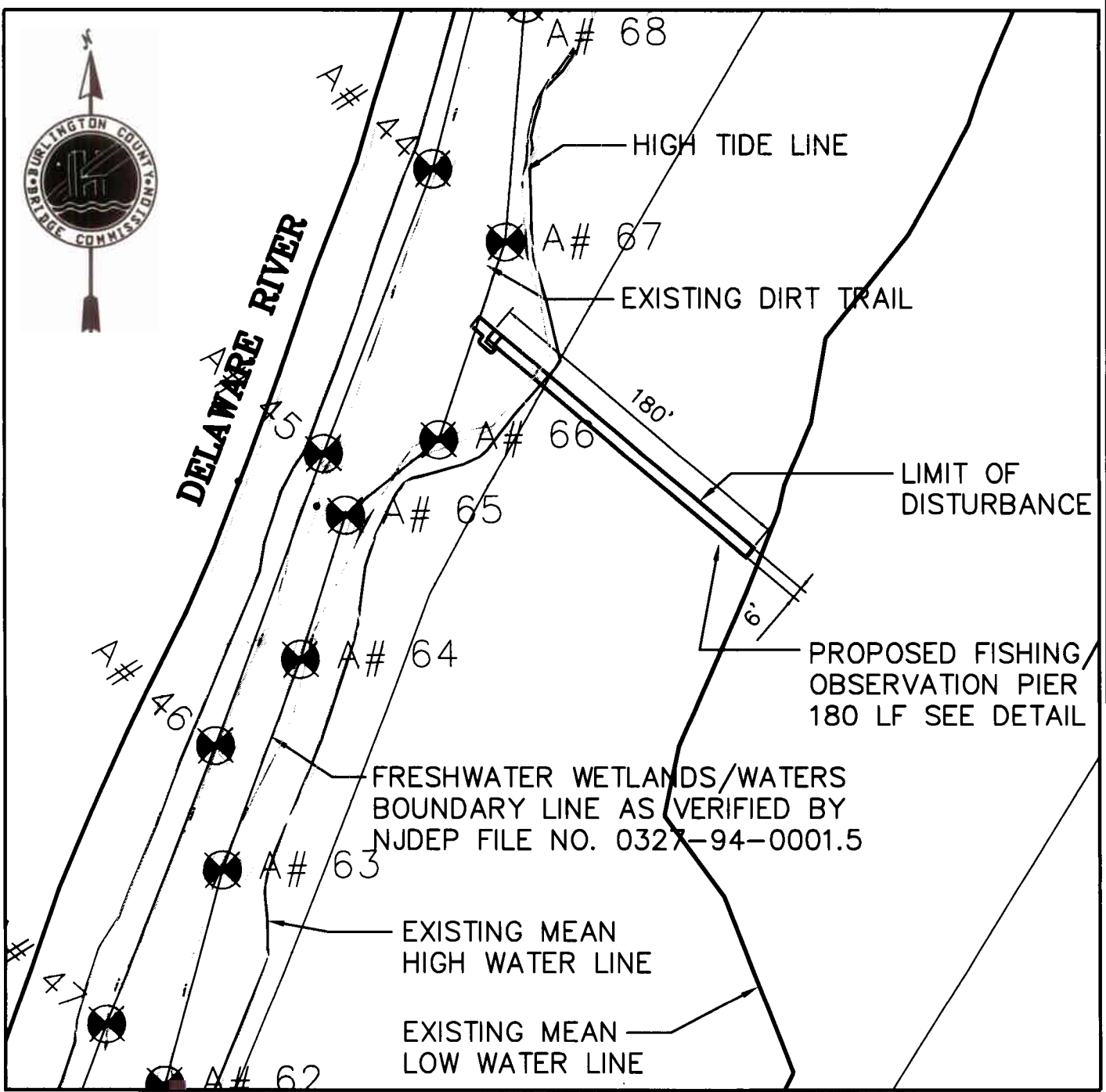
NEW JERSEY CERTIFICATE of AUTHORIZATION No. 24GA27936900

OVERALL PLAN VIEW
PALMYRA COVE NATURE PARK
FIGURE 2B

LOT 2 BLOCK 154, LOTS 2.02, 3, 4, 6 BLOCK 156

SITUATED IN
 PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE exhibits-ACOE.dwg	PROJECT NO. 060302-00	DRAWN BY IK	CHECKED BY JWL	SCALE 1"=200'	DATE 10/23/06	SHEET 1 OF 1
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FISHING/OBSERVATION PIER 1
SCALE: 1"=80'

1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	IK	JWL
NO.	DATE	REVISION	DRAWN	CHK REL

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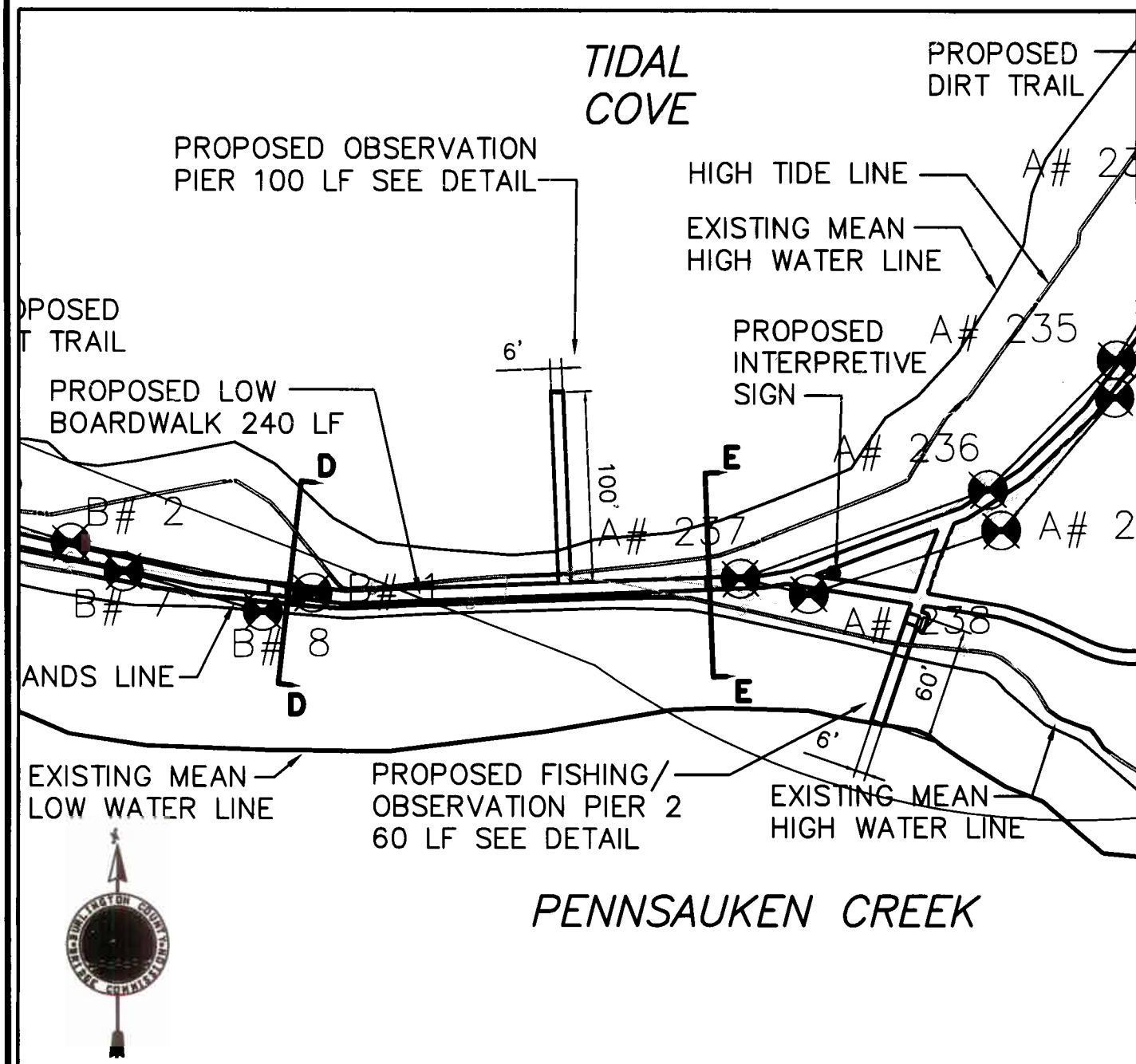
NEW JERSEY CERTIFICATE of AUTHORIZATION No 24GA27936900

**PLAN VIEW
PALMYRA COVE NATURE PARK
FIGURE 3**

LOT 2 BLOCK 154, LOTS 2, 3, 4, 6 BLOCK 158

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
exhibits-ACOE.dwg	060302-00	IK	JWL		10/23/06	1 OF 1



OBSERVATION PIER & FISHING/OBSERVATION PIER 2

SCALE: 1"=80'

1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	IK	JWL
NO.	DATE	REVISION	DRAWN	CHK

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PLAN VIEW PALMYRA COVE NATURE PARK FIGURE 4

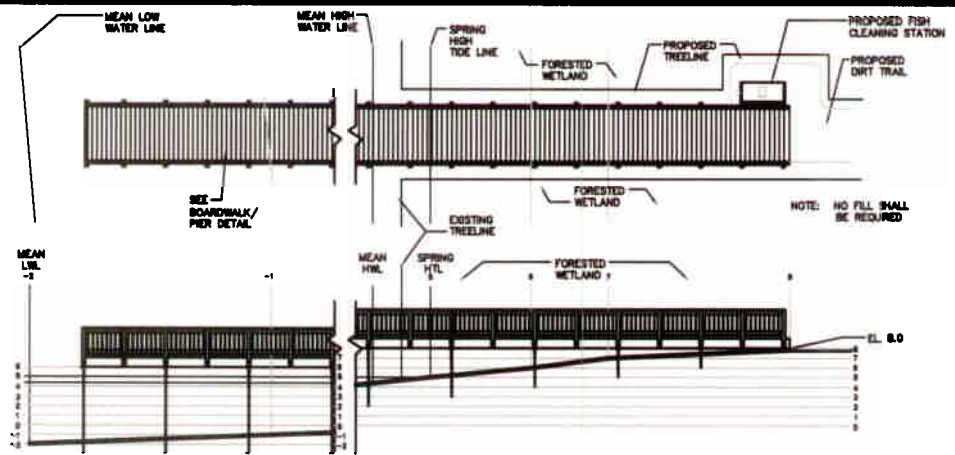
LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 156

SITUATED IN
 PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE exhibits-ACOE.dwg	PROJECT NO. 060302-00	DRAWN BY IK	CHECKED BY JWL	SCALE	DATE 10/23/06	SHEET 1 OF 1
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LENGTH OF PIER EXTENDING
BEYOND MHWL = 143 LF

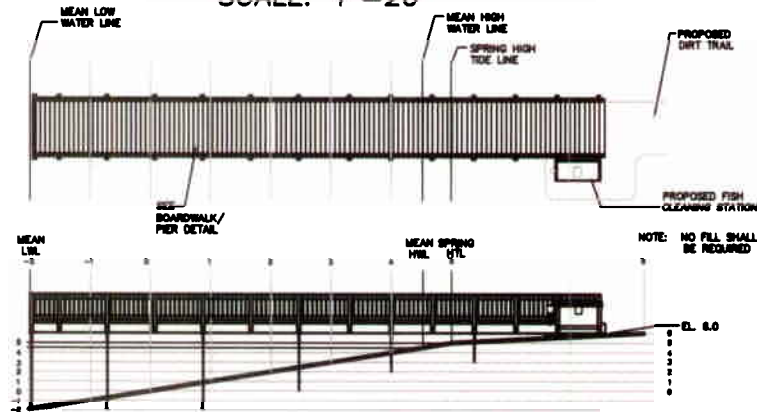
MAX. HEIGHT ABOVE
WATERWAY BOTTOM = 7.75'



FISHING/OBSERVATION PIER 1
SCALE: 1"=20'

LENGTH OF PIER EXTENDING
BEYOND MHWL = 37 LF

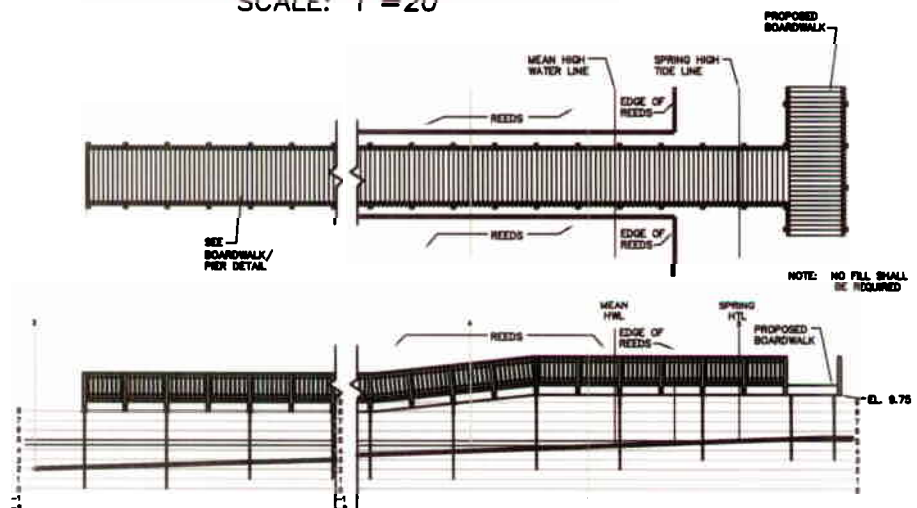
MAX. HEIGHT ABOVE
WATERWAY BOTTOM = 8.0'



FISHING/OBSERVATION PIER 2
SCALE: 1"=20'

LENGTH OF PIER EXTENDING
BEYOND MHWL = 83 LF

MAX. HEIGHT ABOVE
WATERWAY BOTTOM = 6.0'



OBSERVATION PIER
SCALE: 1"=20'

2	3/8/07	REVISED PER 2/20/07 ACOE VERBAL COMMENTS & 2/27/07 EMAIL	IK		
1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NUDEP VERBAL COMMENTS 1/3/07	IK	JWL	
NO.	DATE	REVISION	DRAWN	CHK	REL

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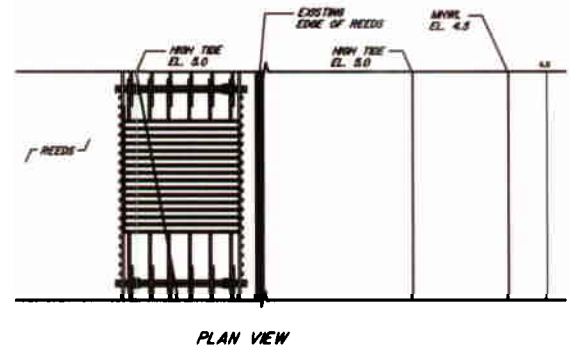
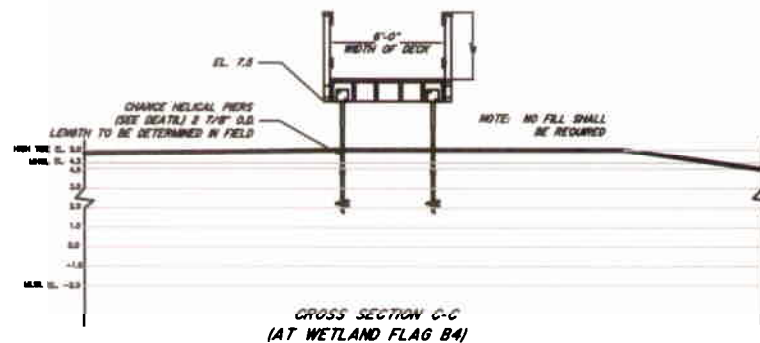
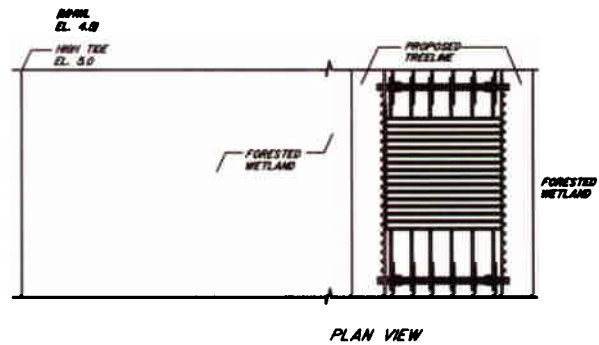
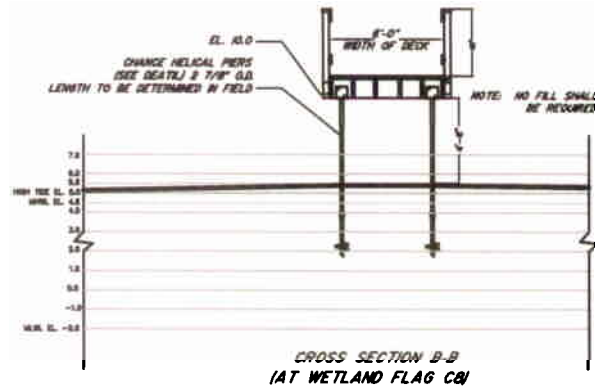
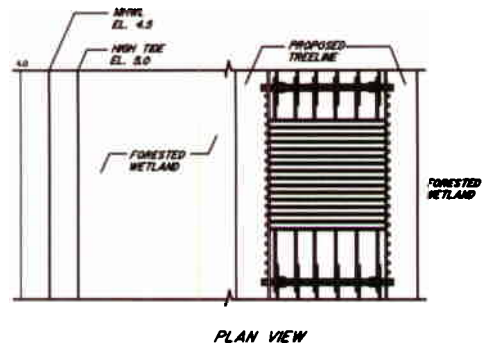
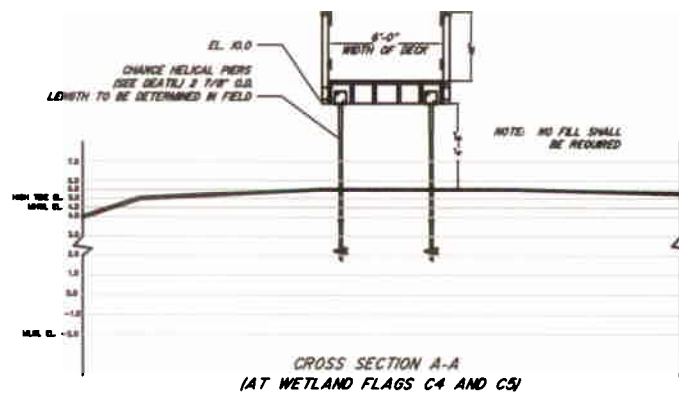
NEW JERSEY CERTIFICATE of AUTHORIZATION No. 24GA27936900

**PIER ELEVATIONS
PALMYRA COVE NATURE PARK
FIGURE 7**

LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 158

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE exhibits-ACOE.dwg	PROJECT NO. 060302-00	DRAWN BY IK	CHECKED BY JWL	SCALE	DATE 10/23/06	SHEET 1 OF 1
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BOARDWALK CROSS SECTIONS

SCALE: 1"=10'

1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	IK	JWL
NO.	DATE	REVISION	DRAWN	CHK

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CROSS SECTIONS PALMYRA COVE NATURE PARK

FIGURE 5

LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 156

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
exhibits-ACOE.dwg	060302-00	IK	JWL		10/23/06	1 OF 1

X-REFS, R-PL.DWG

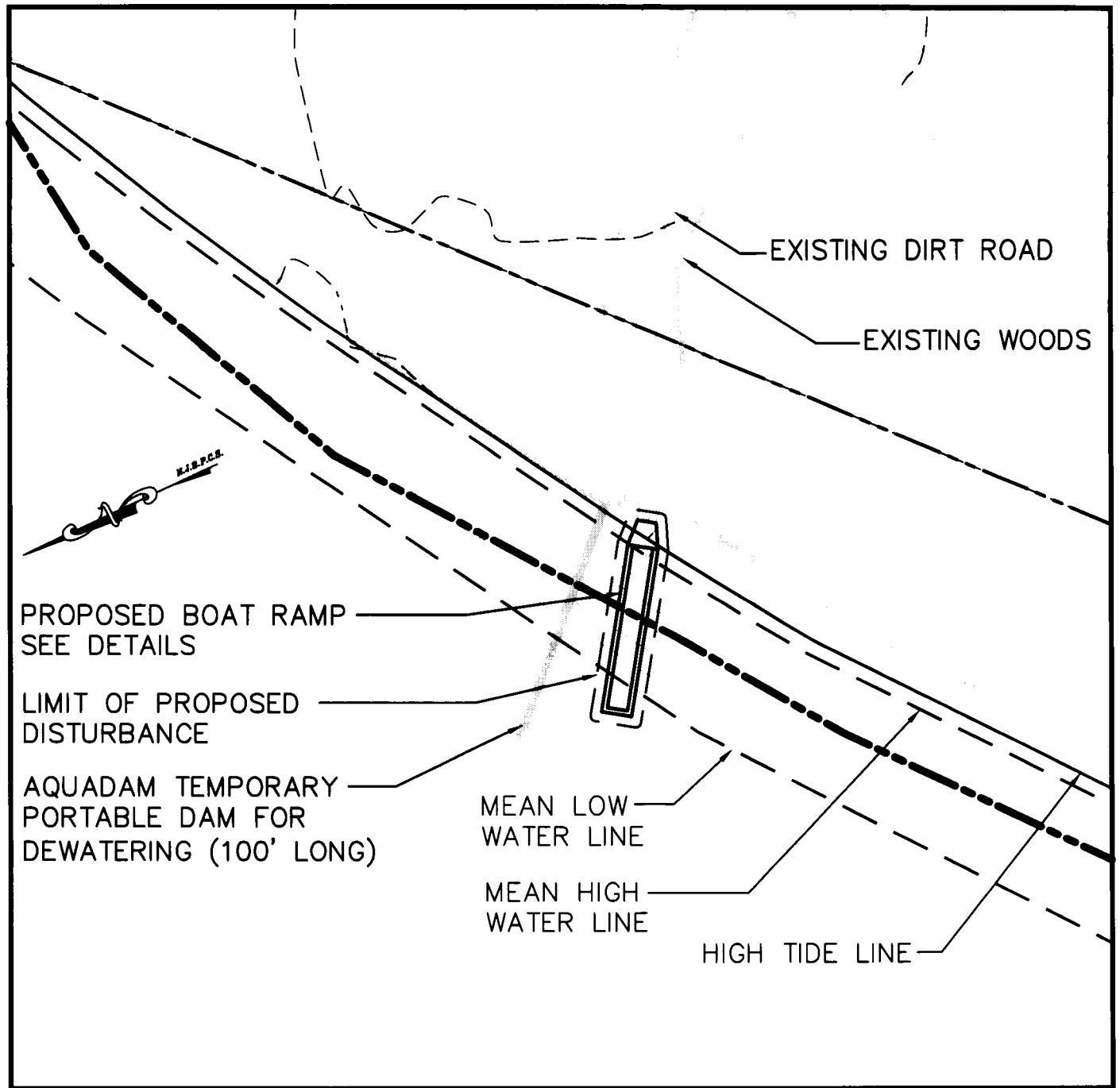
S:\2006\060302-00\DWG\R-BOATRAMP.DWG

DETAIL

WHITEBA

P

THU, NOV 16, 2006 03:53



BOAT RAMP PLAN VIEW

SCALE: 1"=60'

1	1/10/07	REVISED PER 12/13/06 ACCE EMAIL & N.J.D.P.C. VERBAL COMMENTS 1/3/07	IK	JWL	
NO.	DATE	REVISION	DRAWN	CHK	REL

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NEW JERSEY CERTIFICATE of AUTHORIZATION No 24GA27936900

BOAT RAMP PLAN VIEW PALMYRA COVE NATURE PARK

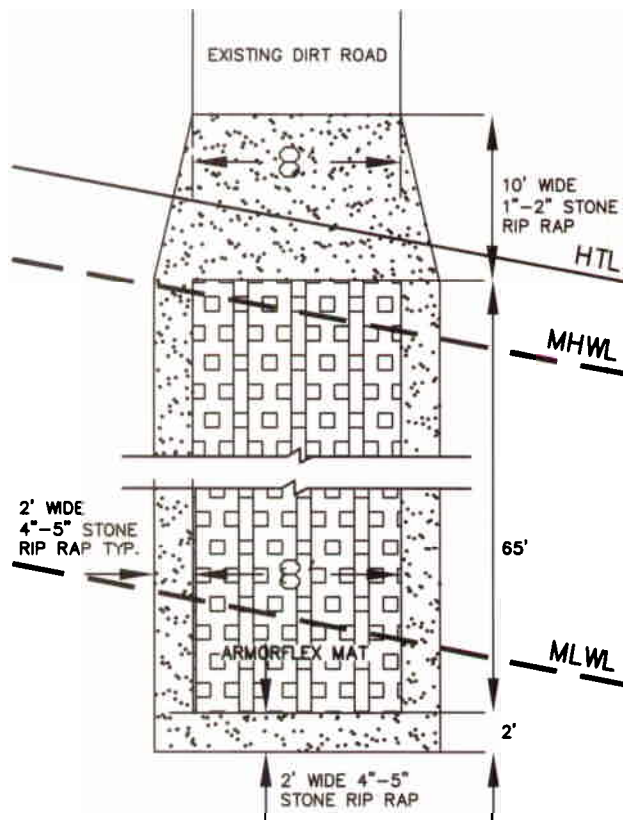
FIGURE 8

LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 156

SITUATED IN
 PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

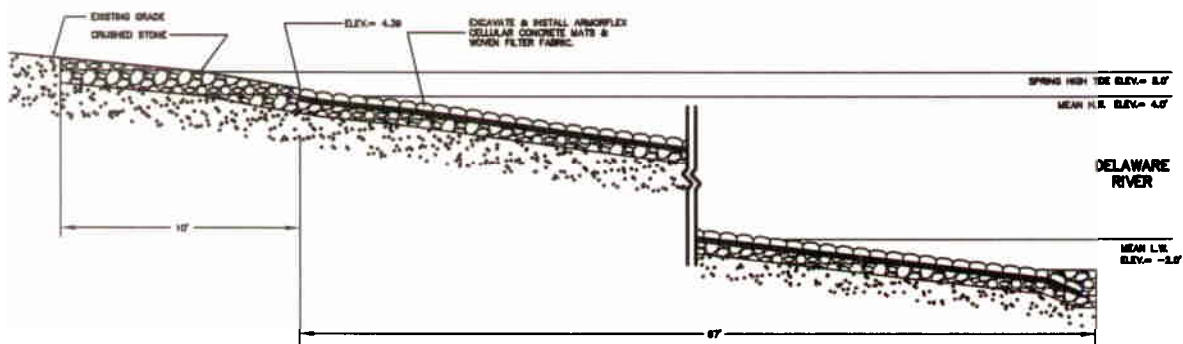
CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
r-boatramp.dwg	060302-00	IK	JWL	1"=60'	11/29/06	1 OF 1

THU, NOV 16, 2006 03:53 P WHITEBA DETAIL S:\2006\060302-00\DWG\R-BOATRAMP.DWG X-REFS, R-PL.DWG



BOAT RAMP PLAN DETAIL

NTS



ARMORFLEX BOAT RAMP SECTION

SCALE: 1/8"=1'-0"

1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	IK	JWL	
NO.	DATE	REVISION	DRAWN	CHK	REL

ACT ENGINEERS, INC. WBE

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SUITE 3 FAX (609) 918-1411
ROBBINSVILLE, NJ 08691

NEW JERSEY CERTIFICATE of AUTHORIZATION No. 24GA27936900

**BOAT RAMP DETAILS
PALMYRA COVE NATURE PARK
FIGURE 10**

LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 156

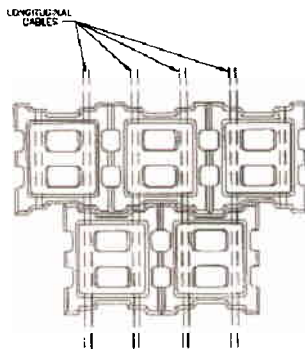
SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
r-boatramp.dwg	060302-00	IK	JWL		11/29/06	1 OF 1

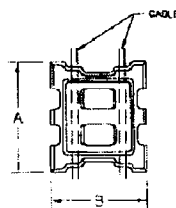


PLAN

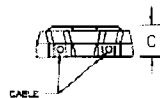
TYPICAL ARMORFLEX MAT
NOT TO SCALE



PLAN



TOP VIEW

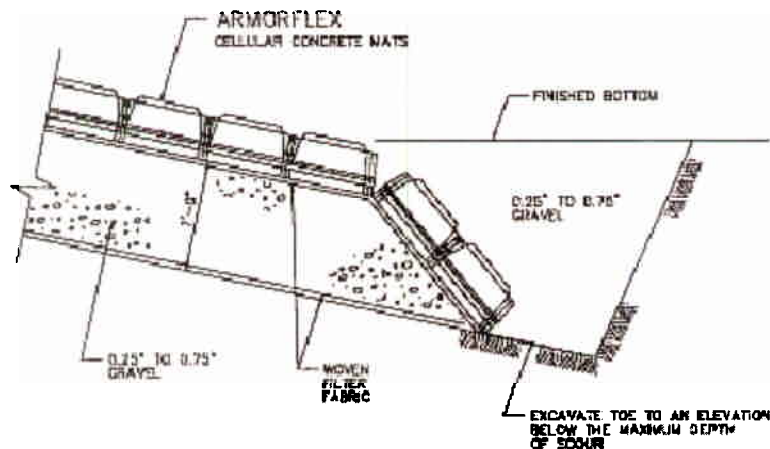


END VIEW

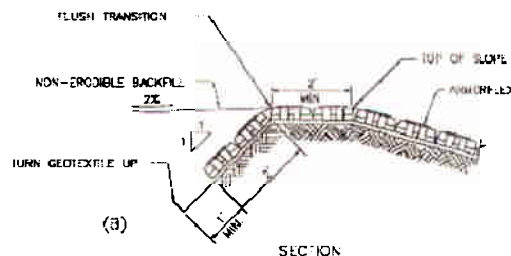
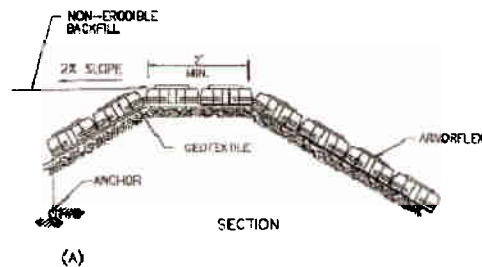


SIDE VIEW

NOTE: OPEN CELL SHOWN
CLOSED CELL SIMILAR



DETAIL B



TOP OF SLOPE ANCHORING DETAIL (A) WITH MECHANICAL ANCHORING AND (B) WITHOUT MECHANICAL ANCHORING
NOT TO SCALE

ACT ENGINEERS, INC. WBE

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NEW JERSEY CERTIFICATE of AUTHORIZATION No. 24GA27936900

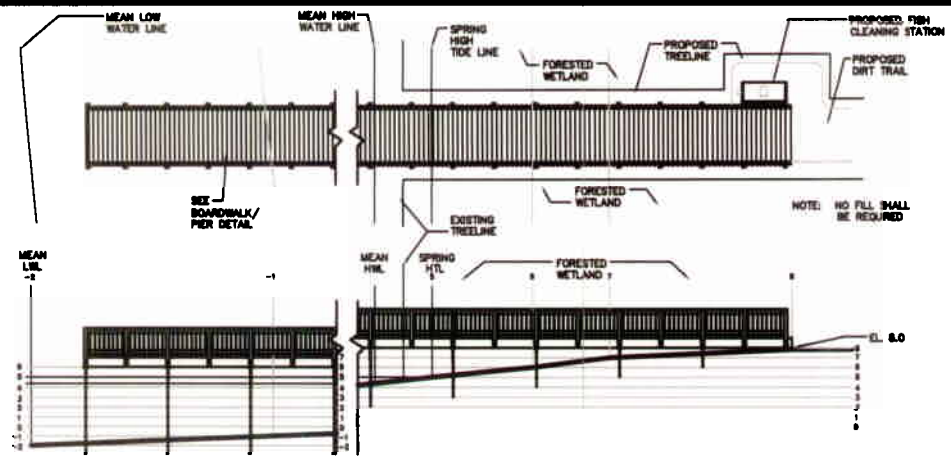
BOAT RAMP DETAILS PALMYRA COVE NATURE PARK FIGURE 9

LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 158

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

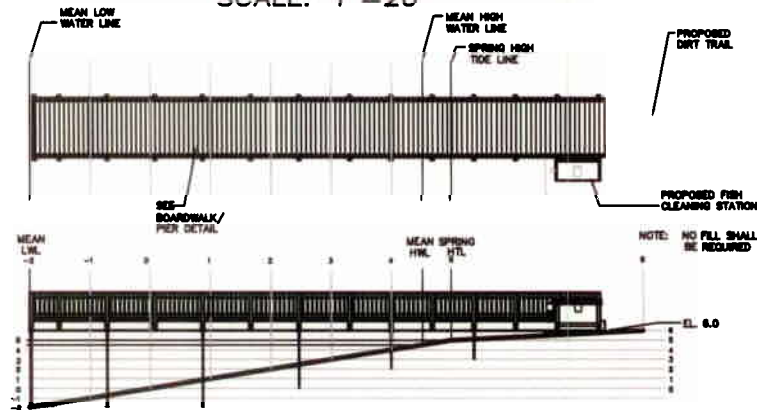
CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
r-boatramp.dwg	060302-00	IK	JWL	NTS	11/29/06	1 OF 1

LENGTH OF PIER EXTENDING
BEYOND MHWL = 143 LF



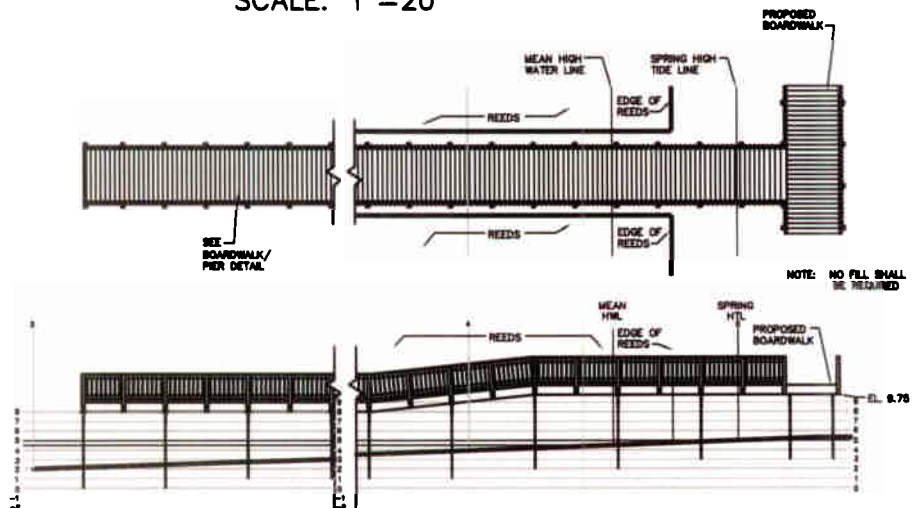
FISHING/OBSERVATION PIER 1
SCALE: 1"=20'

LENGTH OF PIER EXTENDING
BEYOND MHWL = 37 LF



FISHING/OBSERVATION PIER 2
SCALE: 1"=20'

LENGTH OF PIER EXTENDING
BEYOND MHWL = 83 LF



OBSERVATION PIER
SCALE: 1"=20'

1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	IK	JWL	
NO.	DATE	REVISION	DRAWN	CHK	REL

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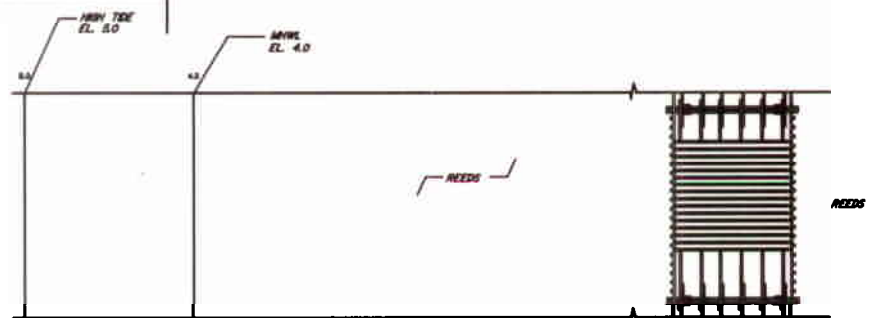
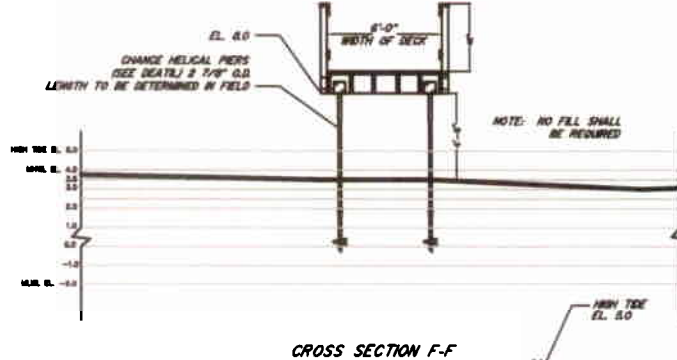
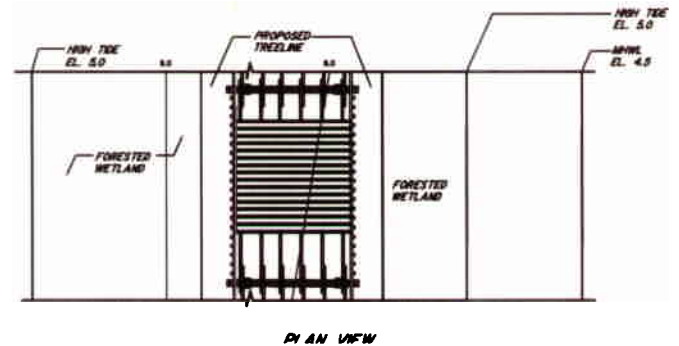
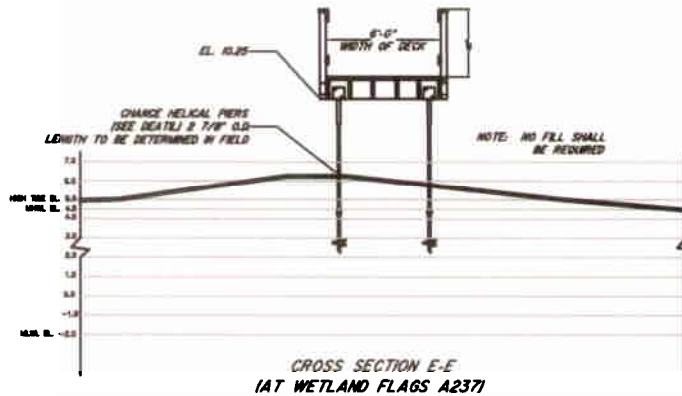
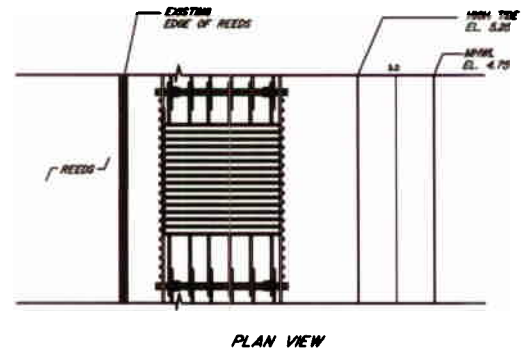
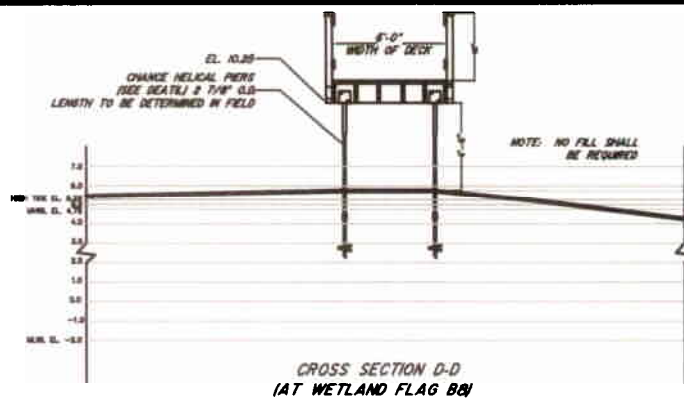
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**PIER ELEVATIONS
PALMYRA COVE NATURE PARK
FIGURE 7**

LOT 2 BLOCK 154, LOTS 2.02, 3, 4, 6 BLOCK 156

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

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LENGTH OF BOARDWALK EXTENDING
BEYOND MHWL = 100 LF

BOARDWALK CROSS SECTIONS

SCALE: 1"=10'

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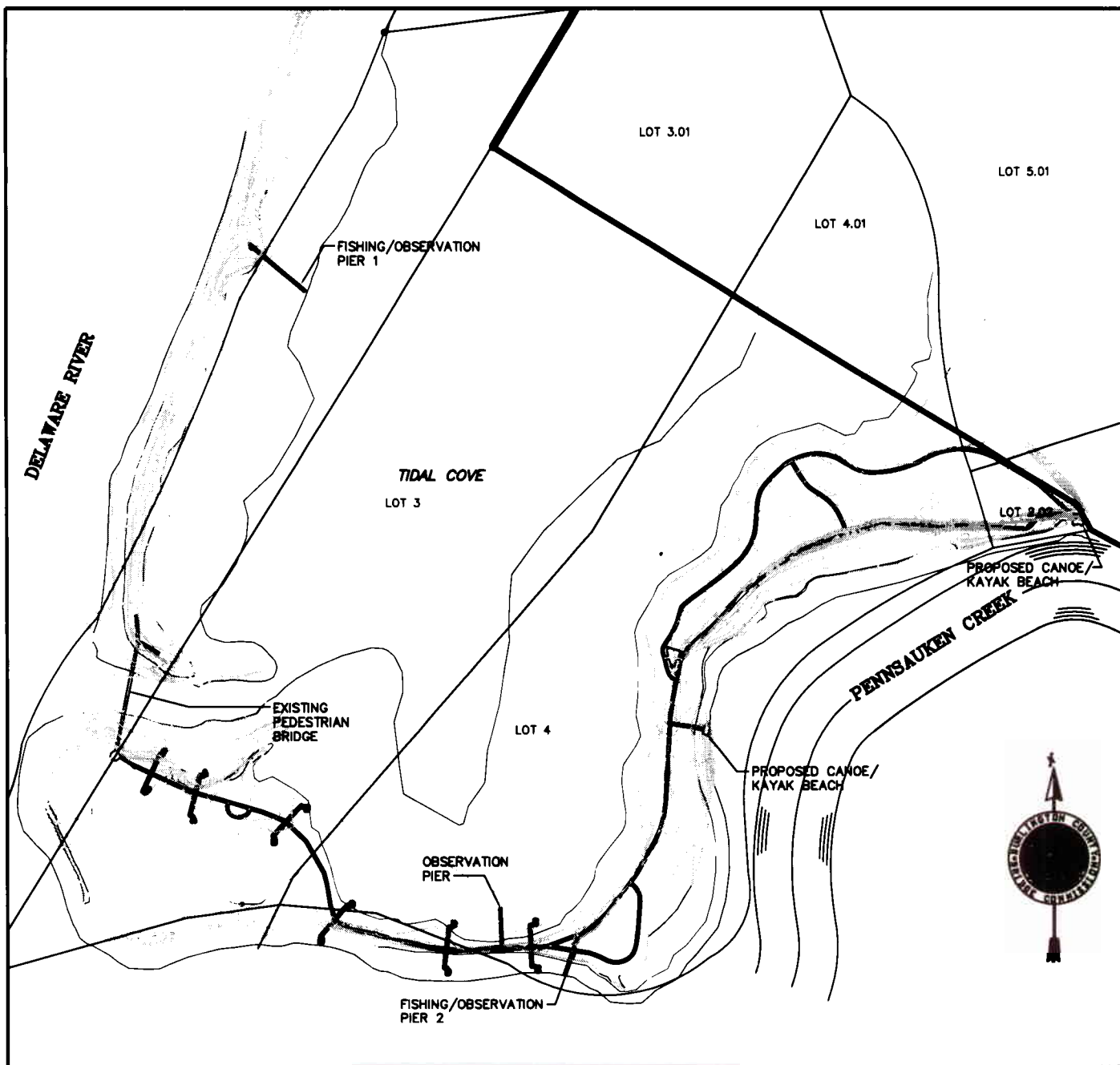
CROSS SECTIONS PALMYRA COVE NATURE PARK

FIGURE 6

LOT 2 BLOCK 154, LOTS 202, 3, 4, 6 BLOCK 156

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
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**OVERALL PLAN VIEW
PENNSAUKEN CREEK TRAILS**

SCALE: 1"=400'

1	1/10/07	REVISED PER 12/13/06 ACOE EMAIL & NJDEP VERBAL COMMENTS 1/3/07	JK	JWL
NO.	DATE	REVISION	DRAWN	CHK REL

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**OVERALL PLAN VIEW
PALMYRA COVE NATURE PARK**

FIGURE 2

LOT 2 BLOCK 154, LOTS 2.02, 3, 4, 6 BLOCK 156

SITUATED IN
PALMYRA BOROUGH BURLINGTON COUNTY NEW JERSEY

CADD FILE	PROJECT NO.	DRAWN BY	CHECKED BY	SCALE	DATE	SHEET
exhibits-ACOE.dwg	060302-00	IK	JWL		10/23/06	1 OF 1